



**PERFORMANCE
UNDER
PRESSURE**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2002 HINO 2002 HINO GD
Component
Rear Diesel Engine
Fluid
ROYAL PURPLE MOTOR OIL 15W40 (4 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP033949	RP033698	---
Sample Date		Client Info		22 Aug 2006	03 Aug 2006	---
Machine Age	mls	Client Info		226156	223670	---
Oil Age	mls	Client Info		2486	2486	---
Filter Age	mls	Client Info		2486	2486	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m		7	6	---
Chromium	ppm	ASTM D5185m		<1	<1	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		4	5	---
Lead	ppm	ASTM D5185m		1	3	---
Copper	ppm	ASTM D5185m		1	<1	---
Tin	ppm	ASTM D5185m		0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

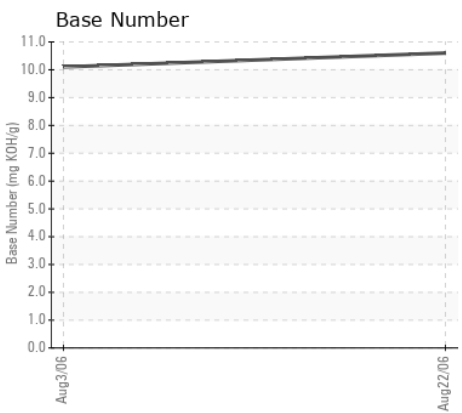
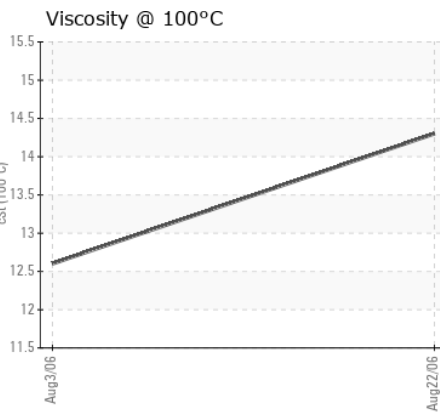
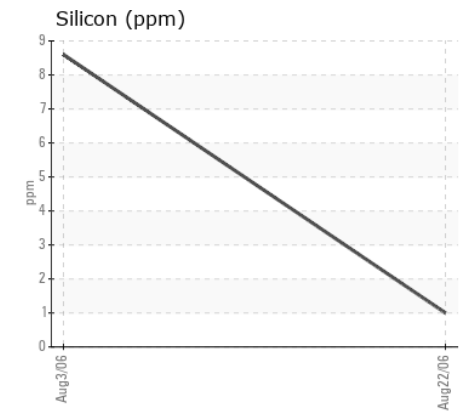
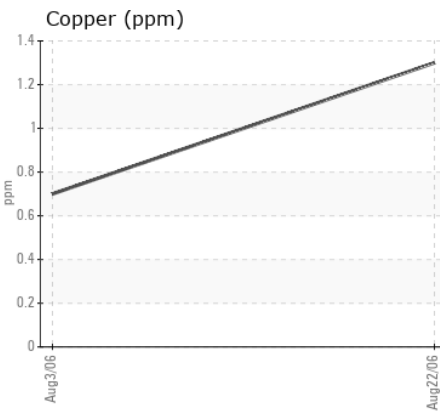
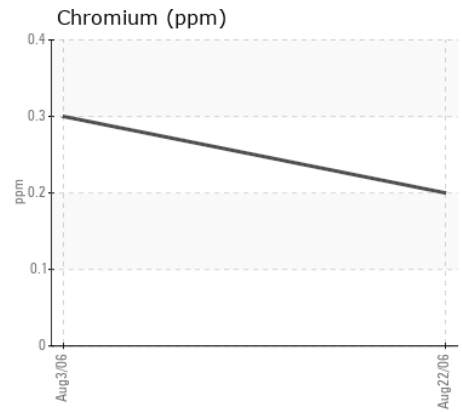
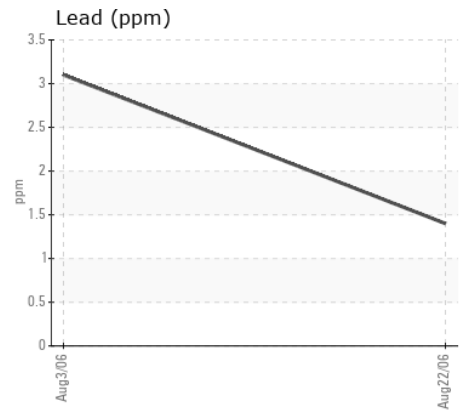
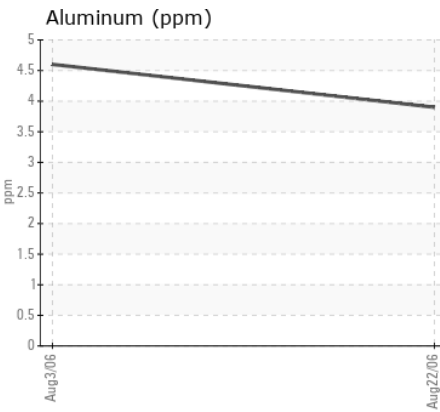
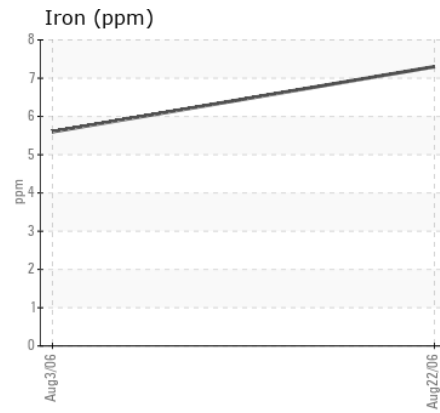
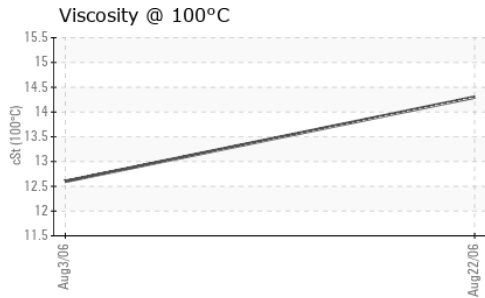
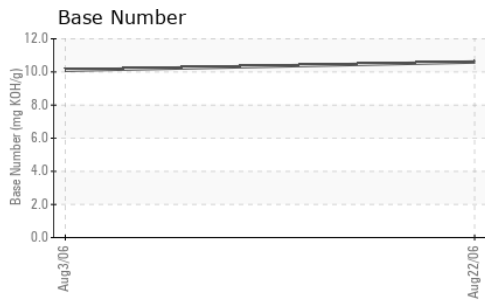
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m		1	9	---
Potassium	ppm	ASTM D5185m		1	0	---
Fuel		WC Method		<1.0	<1.0	---
Water		WC Method		NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	*ASTM D7844		0.1	0.1	---
Nitration	Abs/cm	*ASTM D7624		0.00	0.03	---
Sulfation	Abs/.1mm	*ASTM D7415		0.03	0.09	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual		NEG	NEG	---

FLUID CONDITION

The condition of oil is suitable for further service.

Sodium	ppm	ASTM D5185m		<1	2	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		94	106	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		61	13	---
Calcium	ppm	ASTM D5185m		2672	2924	---
Phosphorus	ppm	ASTM D5185m		918	1146	---
Zinc	ppm	ASTM D5185m		993	1202	---
Oxidation	Abs/.1mm	*ASTM D7414		0.11	0.19	---
Base Number (BN)	mg KOH/g	ASTM D2896		10.6	10.1	---
Visc @ 100°C	cSt	ASTM D445		14.3	12.6	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP033949
Lab Number : 01827829
Unique Number : 3885659
Test Package : MOB 2

Received : 05 Sep 2006
Tested : 07 Sep 2006
Diagnosed : 07 Sep 2006 - Doug Bogart

OILMAX S.A.S.
 AV 6 DICIEMBRE Y GASPAR CANTERO
 QUITO-ECUADOR,

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: x: